

AMENDMENTS TO THE CLAIMS

Please amend the claims as follows:

1. (Cancelled)
2. (Currently Amended) A substantially purified polypeptide comprising an amino acid sequence having at least about ~~[[98]]~~ 90% sequence identity with the amino acid sequence of SEQ ID NO: 44,293.
- 3-7. (Cancelled)
8. (Previously Presented) The substantially purified polypeptide of claim 2, wherein said amino acid sequence is 100% identical with the amino acid sequence of SEQ ID NO: 44,293.
9. (Currently Amended) The substantially purified polypeptide of claim 2, wherein said amino acid sequence has at least about ~~[[99]]~~ 95% sequence identity with the amino acid sequence of SEQ ID NO: 44,293.
10. (Withdrawn - Currently Amended) A transformed plant comprising a nucleic acid sequence encoding a polypeptide having an amino acid sequence, wherein said amino acid sequence ~~exhibits a~~ has at least about ~~[[98]]~~ 90% or greater sequence identity with the amino acid sequence of SEQ ID NO: 44,293.
11. (Withdrawn) The transformed plant of claim 10, wherein said plant is a *Sorghum* plant.
12. (Withdrawn - Currently Amended) A transformed seed comprising a transformed plant cell comprising a nucleic acid sequence encoding a polypeptide having an amino acid sequence,

wherein said amino acid sequence ~~exhibits a~~ has at least about ~~[[98]] 90% or greater sequence~~ identity with the amino acid sequence of SEQ ID NO: 44,293.

13. (Withdrawn) The transformed seed of claim 10, wherein said seed is a *Sorghum* seed.